

Project 25: L Street Corridor: *Industrial Boulevard to Fifth Avenue*

Project Extent



Fifth Avenue/L Street Improvements



Description of Area and Issues

This 0.63 mile high priority project starts at the Industrial Boulevard/L Street intersection, located directly west of the I-5 ramps, and terminates to the east of the Fifth Avenue/L Street intersection. The corridor intersects two north-south high priority project corridors at Industrial Boulevard and Broadway. The land uses along the L Street Corridor include office and commercial uses, as well as residential and schools along the eastern portion of the corridor. Chula Vista High School campus covers the L Street block between Fifth Avenue and Fourth Avenue. Rice Elementary School is also located near the eastern terminus of the project corridor, at the Fourth Avenue/L Street intersection. This corridor is a 4-lane roadway over the entire project extent with moderate to high average daily traffic volumes and multiple large intersections, such as the Broadway/L Street intersection and Industrial Boulevard/L Street intersection. The combination of significant pedestrian barriers and pedestrian attracting land uses, such as schools, commercial and offices, requires improvements to reduce the potential for pedestrian-vehicular conflicts. This high priority project ranked 25th out of a total of 30 high priority projects, scoring 11.91 out of a total 18.0 priority points.

Improvement Recommendations and Cost Estimate

- Install sidewalk along the segment of the corridor where sidewalk is missing (Project Missing Sidewalk) and install ADA compliant curb ramps where missing (Project Missing Curb Ramp).
- Non-project missing sidewalk is outside of the scope of this project and is displayed for informational purposes only.
- **Fifth Avenue/L Street:** install yellow ladder crosswalk on all intersection legs; install standard Fluorescent Yellow-Green (FYG) school zone signage and pavement markings along the L Street approaches.

Cost Estimate: \$84,324

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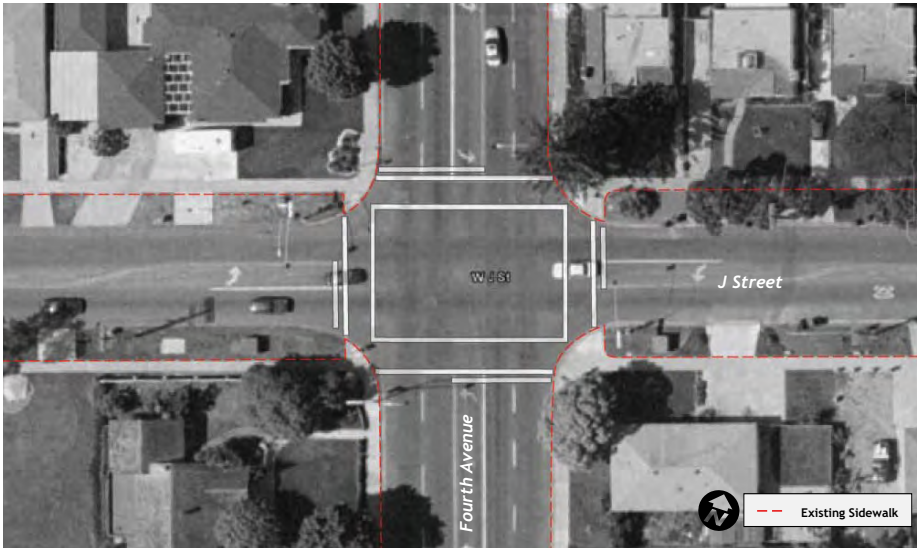
Project 26: J Street Corridor: *Fourth Avenue to Second Avenue*

Description of Area and Issues	Improvement Recommendations and Cost Estimate
<p>This 0.5 mile high priority project along J Street runs from Fourth Avenue in the west to Second Avenue in the east. With the exception of the two grocery stores along J Street between Garrett Avenue and Third Avenue, the area is entirely residential. The corridor is a two-lane roadway with moderate to low average daily traffic volumes and a posted speed limit of 30 mph. Despite relatively mild pedestrian conditions, the Third Avenue/J Street intersection is one of the highest pedestrian crash locations in the City according to 2002 – 2007 data. Project 2 describes recommended improvements to the Third Avenue/J Street intersection. This high priority project scored 11.24 out of a total 18.0 priority points and is ranked 26th out of a total of 30 high priority projects.</p>	<ul style="list-style-type: none"> • Fourth Avenue/J Street: re-stripe standard crosswalks with stop lines on all intersection legs. • Second Avenue/J Street: re-stripe standard crosswalks with stop lines on all intersection legs. <p>Cost Estimate: \$28,100</p>

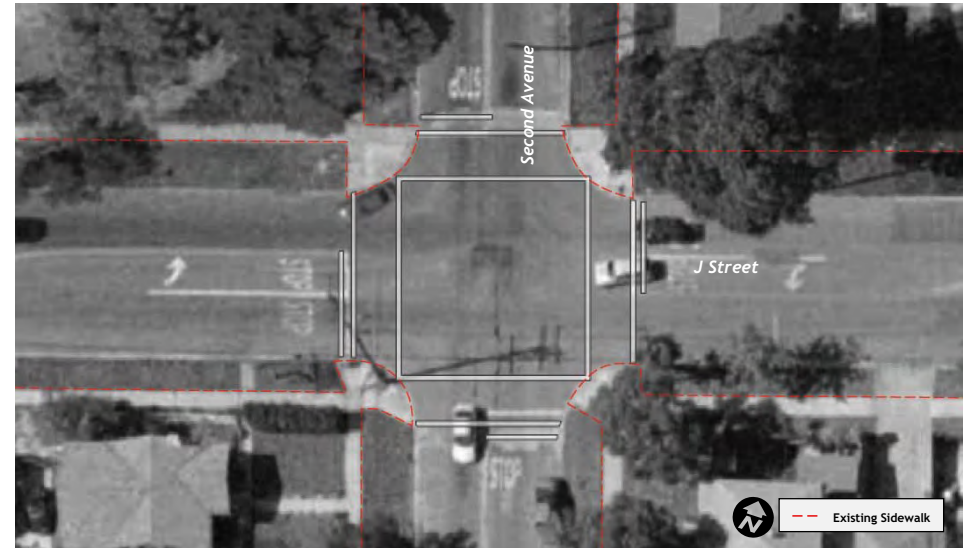
Project Extent



Fourth Avenue/J Street Improvements



Second Avenue/J Street Improvements



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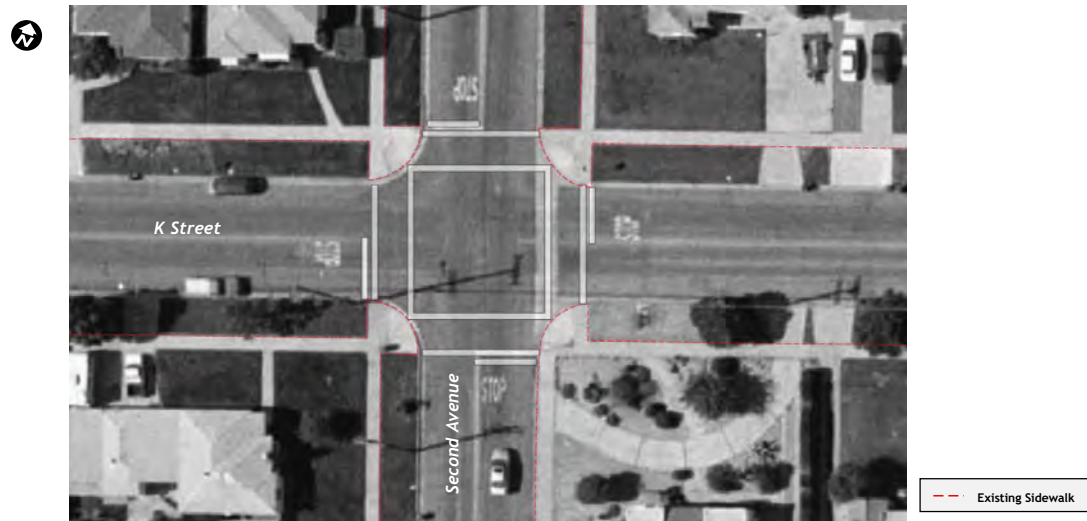
Project 27: K Street Corridor: *Fourth Avenue to Second Avenue*

Description of Area and Issues	Improvement Recommendations and Cost Estimate
<p>This 0.5 mile high priority project along K Street extends from Second Avenue to Fourth Avenue. Chula Vista High School is located on the southwestern corner of the Fourth Avenue/K Street intersection and commercial activity surrounds the Third Avenue/K Street intersection. The remainder of the corridor is single- and multi-family residential. K Street is a two-lane roadway with low to moderate daily average daily traffic volumes and posted speed limits are 30 mph. A relatively high number of pedestrian crashes was reported between 2002 and 2004 at the Fourth Avenue/K Street and Third Avenue/K Street intersections. This high priority project corridor scored 10.76 out of a total 18.0 priority points and is ranked 27th out of a total of 30 high priority projects.</p>	<ul style="list-style-type: none"> • Second Avenue/K Street: install standard crosswalks with stop lines on all intersection legs. <p>Cost Estimate: \$24,800</p>

Project Extent


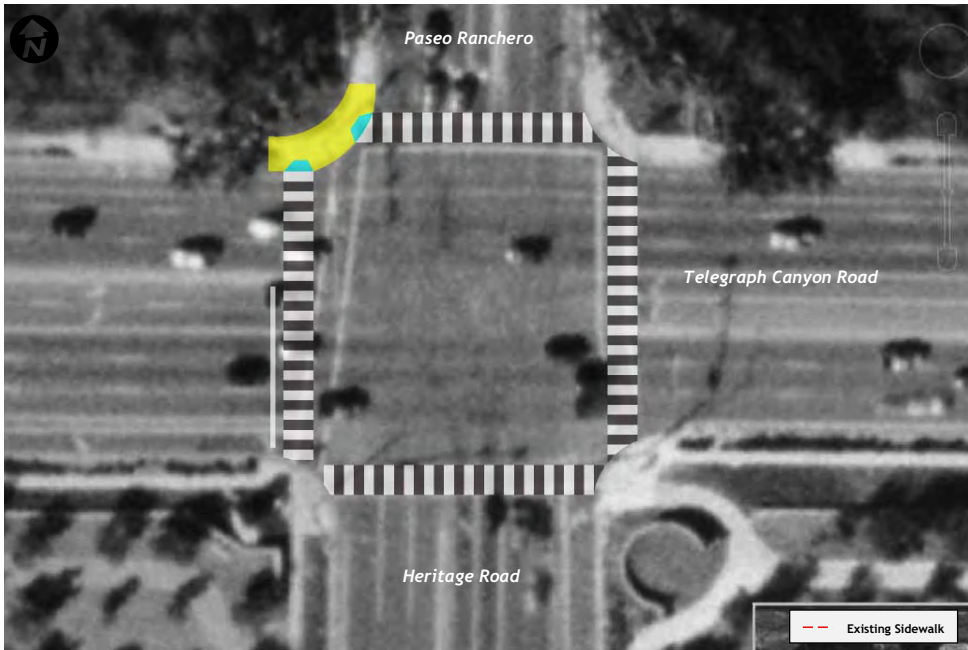


Second Avenue/K Street Improvements



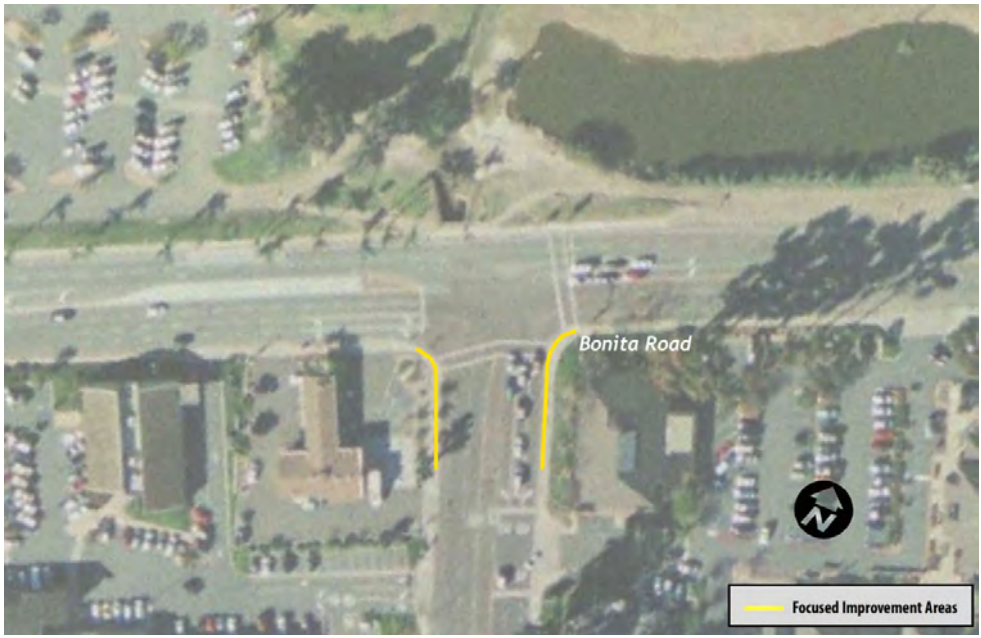
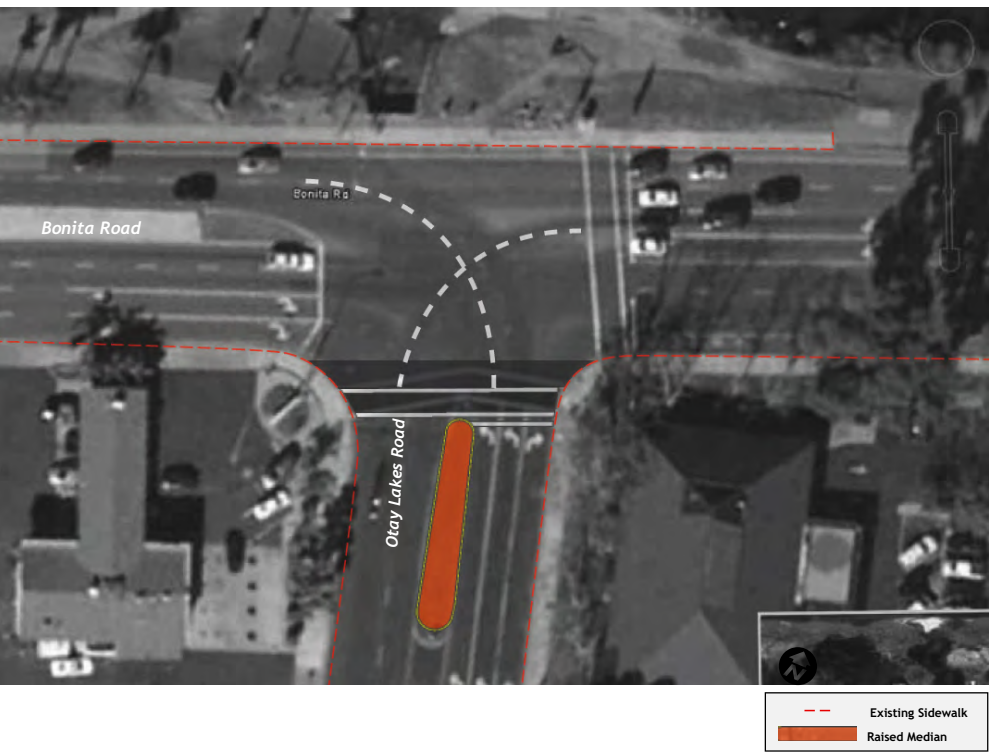
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Project 28: Paseo Ranchero/Heritage Road and Telegraph Canyon Road

Description of Area and Issues	Improvement Recommendations and Cost Estimate
<p>This high priority project is located at the Paseo Ranchero/Heritage Road and Telegraph Canyon Road intersection in eastern Chula Vista. The intersection is devoid of any land uses though it is a ¼ mile south of two grade schools, Casillas Elementary and Rancho del Rey Middle School. Pedestrian pathways from the residential cul-de-sacs to the south of Telegraph Canyon Road provide good access to the intersection. Paseo Ranchero/Heritage Road and Telegraph Canyon Road are exceptionally large roadways, with multiple travel lanes and multiple dedicated turn lanes. Telegraph Canyon Road has high average daily traffic volumes and posted speed limit of 50 mph. Two pedestrian crashes were reported at this location between 2002 and 2007. The combination of high traffic speeds, high volumes and two schools, indicates that pedestrian improvements would enhance pedestrian comfort and reduce the potential for pedestrian-vehicular conflicts. This high priority project is ranked 28th out of a total of 30 high priority projects.</p>	<ul style="list-style-type: none"> • Install high visibility ladder crosswalks and pedestrian countdown signals on all intersections legs. • Realign stop line to accommodate straightening of western leg of crosswalk. • Install perpendicular curb ramps on the northwest corner where missing. <p>Cost Estimate: \$38,990</p>
Project Extent	Intersection Improvements
	



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Project 29: Otay Lakes Road/Bonita Road Intersection

Description of Area and Issues	Improvement Recommendations and Cost Estimate
<p>This high priority project is located at the Otay Lakes Road/Bonita Road intersection in northeastern Chula Vista. The Chula Vista Golf Course is located immediately north of the intersection, retail is located on the southwest and southeast corners of the intersection. Otay Lakes Road and Bonita Road are large roadways, with multiple travel lanes and multiple dedicated turn lanes. Through this area Otay Lakes Road has very high average daily traffic volumes and a 40 mph posted speed limit. Bonita Road also has high to medium average daily traffic volumes and a 35 mph posted speed limit through this intersection. This high priority project intersection is ranked 29th out of a total of 30 high priority projects.</p>	<ul style="list-style-type: none">Reconstruct raised median on the south leg; realign crosswalk on the south leg to shorten the crossing area; add a stop line on the south leg; and install dashed pavement markings through the intersection to clarify left- and right-turn movements from the south to the west and east legs. <p>Cost Estimate: \$41,795</p>
Project Extent	Intersection Improvements
 <p>— Focused Improvement Areas</p>	 <p>--- Existing Sidewalk — Raised Median</p>

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Project 30: Medical Center Drive/Telegraph Canyon Road Intersection

Description of Area and Issues	Improvement Recommendations and Cost Estimate
<p>This high priority project is located at the Medical Center Drive/Telegraph Canyon Road intersection in eastern Chula Vista. Immediately north of the intersection is a large area of green space. Sharp Chula Vista Medical Center, Veteran's Home of Chula Vista, Sunbow Park and Greg Rogers Park are all located in the area south of the intersection. Medical Center Drive and Telegraph Canyon Road are exceptionally large roadways, with multiple travel lanes and dedicated turn lanes. Medical Center Drive has moderate average daily traffic volumes and 35 mph posted speed limits. Telegraph Canyon Road has very high average daily traffic volumes and 50 mph posted speed limits through this intersection. Pedestrian improvements would ameliorate pedestrian comfort and reduce the potential for pedestrian-vehicular conflicts in this location with high traffic speeds and volumes. This high priority project intersection is ranked 30th out of a total of 30 high priority projects.</p>	<ul style="list-style-type: none">• Install high visibility ladder crosswalks across the south and east intersection legs; install a stop line on the west leg and dashed pavement markings through the intersection to clarify left-turn movements from the south to the western leg. <p>Cost Estimate: \$27,440</p>
Project Extent	Intersection Improvements
 <p>Telegraph Canyon Road</p> <p>Medical Center Drive</p> <p>Focused Improvement Areas</p>	 <p>Telegraph Canyon Road</p> <p>Medical Center Drive</p> <p>Existing Sidewalk</p>

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